

Earthdata UTC Meeting 8.5.2014

1. Attendance

Please make a comment at the bottom of this agenda to record your attendance.

2. EMS Status

3. URS

- URS Integration Information and the API's can be found under: [EOSDIS User Registration System](#)
- DAAC Onboarding Status and Integration Schedule can be found under: [Component Integration Status](#)

If you have problem seeing the links above, please contact [Peter Smith](#)

4. Earthdata

- Reminder: Please file all issues with SSO and Atlassian tools through the support system, <https://support.earthdata.nasa.gov/> or support@earthdata.nasa.gov

5. ECHO

ECHO System Status

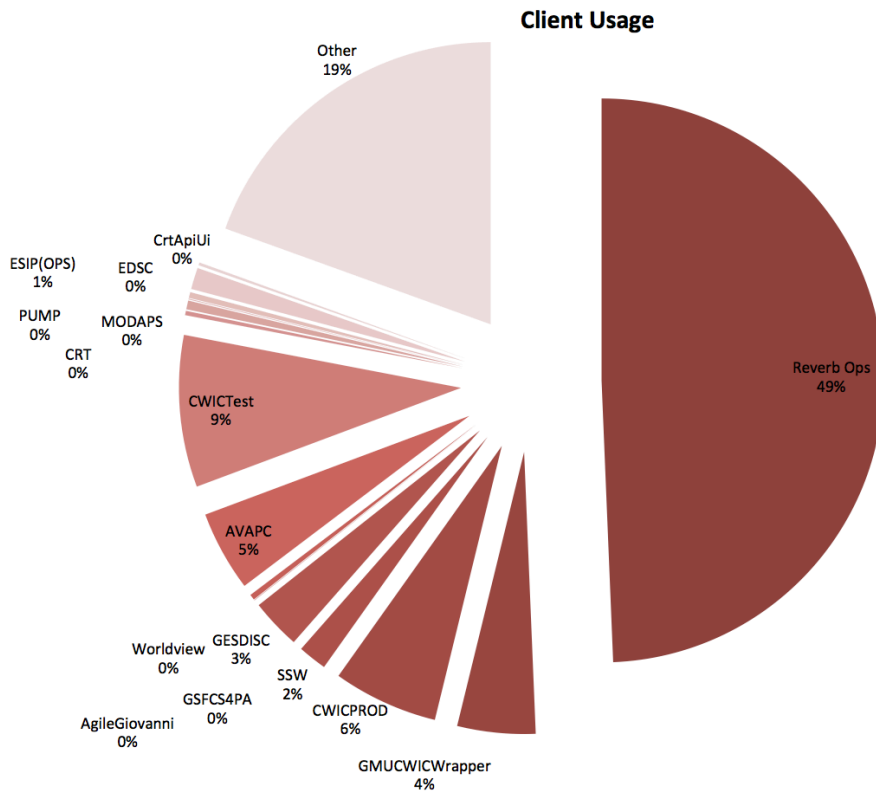
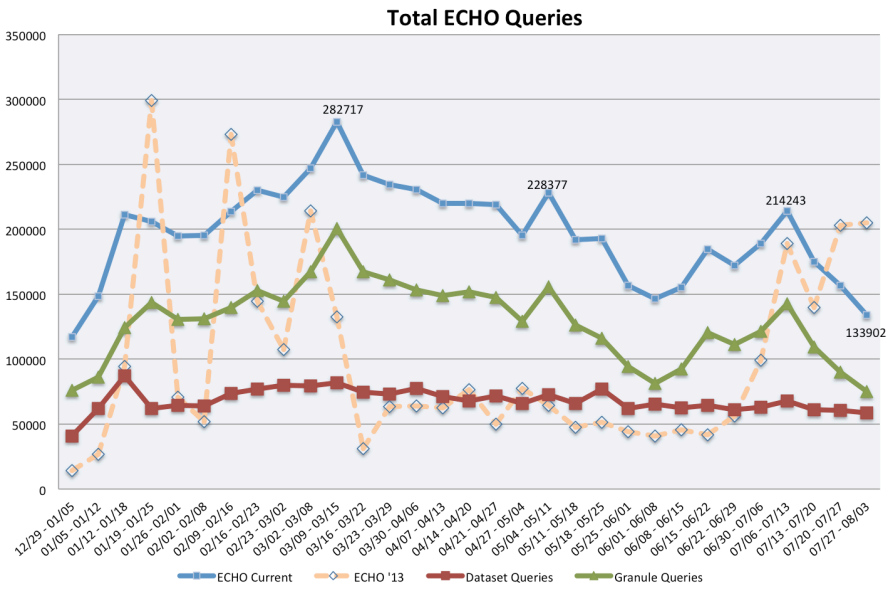
System Issues

- 07/22/2014 11:39-11:44am ET: Reverb outage due to echo-rest timeouts. Patch applied to OPS to resolve issue.
- 08/05/2014 at 09:31-09:32am: [Reverb outage due to high catalog-rest response times](#)

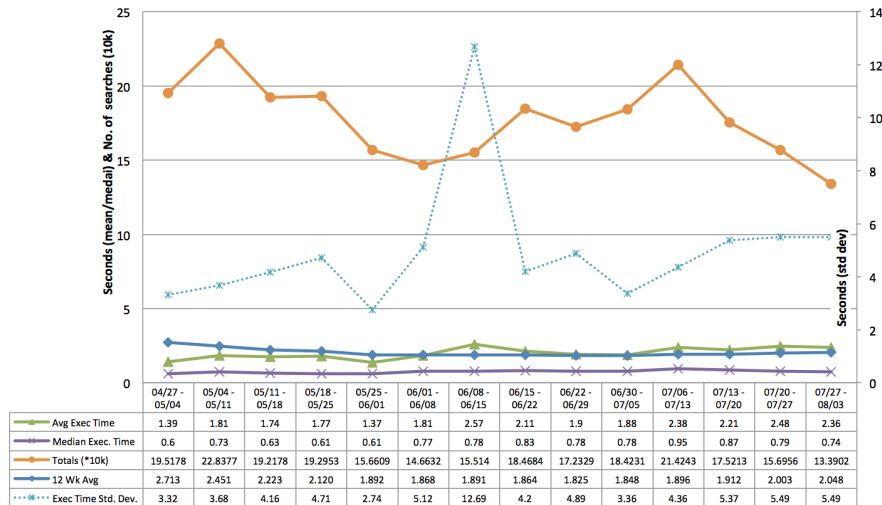
Recent Metrics

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Average Query Performance



ECHO Release Status

✓ In Operations: 10.80

(3 week sprint, ended 6/20, deployed to operations 7/30)

Number	Product	Summary	Status
11012006	Reverb	ECHO: "Services Available" Button Functionality	Closed
11014402	Catalog REST	Dataset reconciliation requests inefficient	Closed
11014503	Backported from 10.81	Add availability endpoint for echo-rest and catalog-rest	Fixed
11014534	Reverb	Reverb 10.75: Granule results are not displayed when using IE8	Closed
11014571	ECHO Kernel	ECHO resubmits orders repeatedly to EWOC.	Closed
11014574	Reverb	ECHO/Reverb 10.77.1 displays "Not Provided" for SMAP collection Archive Center	Closed
11014607	Catalog REST	Sporadic 500 errors due to being unable to obtain database connections in catalog-rest in operations	Closed
11014608	Catalog REST	Polygon points for the same granule in echo10 and atom format are different.	Closed
11014611	Reverb	NRT Hover Tip is MODIS Specific	Closed

11014626	Reverb	Merging of shopping carts broken by URS changes in reverb	Closed
11014651	Reverb	Reverb datasets fail to load on initial sign on	Closed
11014700	Backported from 10.81	Intermittent race condition with new URS users in reverb	Closed
11014703	Backported from 10.81	Incorrect token length in AccessControlService GetAclsByType SOAP API	Needs Customer Verification (GSFCS4 PA)

✓ In Test: 10.81

(3 week sprint, ended 7/11, pushing to partner test 8/6)

Number	Product	Summary	Status
11013378	Reverb	ECHO:Reverb: New AST_L1A order options line should be added as last option	Fixed
11013621	Reverb	OPS:Reverb: Additional Attributes Search does not appear to work as expected	Closed
11014315	ECHO	Add ISO ingest support for GRACE Metadata from PO.DAAC	Fixed
11014337	Catalog REST	Ensure that GRACE ISO can be translated to ECHO10 and then MENDS ISO	Fixed
11014568	Reverb	ECHO: Several ASTER order submitted in "validated" status because user did not click on the submit order button	Fixed
11014581	Catalog REST	Add Support for DIF parent collections for granules	Fixed
11014584	Ingest	Remove ability to ingest browse imagery to be hosted by ECHO	Fixed
11014606	ECHO	Update ECHO10 to ISO Translation	Fixed
11014619	ECHO	Add MetadataStandardName and MetadataStandardVersion elements to ECHO10 schema	Fixed
11014636	ECHO	SMAP VersionID needs to be extracted from new location in ISO metadata files	Fixed

11014641	Reverb	Invalid Search Term Causes Invalid Output on IE9	Fixed
11014642	Catalog REST	catalog-rest /granules/timeline route should accept POSTs similar /granules and /datasets	Fixed
11014644	Reverb	IE 9 2D Coordinate Spatial Search issues	Fixed
11014649	Reverb	Loading datasets spinner remains active once loading complete for IE9	Fixed
11014650	Reverb	Reverb Science Keyword selection not loading for IE 9	Fixed
11014663	Reverb	Reverb does not properly handle ESI request status of 'complete_with_errors'	Fixed
11014671	Backported to 10.79	searches fail with new URS users created after switch to SSO	Closed
11014672	Reverb	Sign in link in reverb order page needs to be updated to point to URS sign in page.	Fixed
11014689	Reverb	Error on Reverb order page when user has 'OTHER' as their affiliation	Fixed
11014695	Reverb	ESI status display in reverb should show messages regardless of status	Fixed
11014699	Reverb	ASTER order workflow breaks for non AST_L1A granules	Fixed
11014700	Backported to 10.79	Intermittent race condition with new URS users in reverb	Closed
11014703	Backported to 10.79	Incorrect token length in AccessControlService GetAclsByType SOAP API	Needs Customer Verification (GSFCS4 PA)

✓ In Test: 10.82 (testbed)

(3 week sprint, ended 8/1, pushed to testbed 8/4)

Number	Product	Summary	Status
11014503	REST API	Add availability endpoint for echo-rest and catalog-rest	Fixed
11014510	Catalog REST	Catalog REST json format should return enough information to render spatial for orbit granules	Fixed

11014654	Reverb	Poor performance for really complex ECHO forms	Fixed
11014655	Reverb	Add a tree control to ECHO forms	Fixed
11014666	Reverb	In IE9, Reverb not showing Subsetting Options when ordering a granule	Fixed
11014674	Reverb	"Show Additional Information" shows nothing in Reverb Dataset "Info" box for DIF datasets.	Fixed
11014702	Reverb	Granule additional info does not load	Fixed
11014707	ECHO Kernel	ECHO kernel should check local user db table when running in torquebox locally	Fixed
11014708	Catalog REST	ECHO does not handle underscores in URS application IDs correctly	Fixed

▼ In Development: 10.83

(3 week sprint, ending 7/11)

Number	Product	Summary	Status
11011935	Reverb	Reverb is messing up a little on the annual searches	Open
11012024	Reverb	Ordering button should be disabled if no items are order-able	Fixed
11014532	Reverb	ECHO/Reverb 10.75.7. Datasets found but not displayed in Partner Test Reverb.	Open
11014537	ECHO	ECHO/Reverb 10.75.9. Cache not refreshing in PT Reverb	Open
11014570	ECHO	ECHO: PUMP: Add "Definition Name" column to Option Assignment page and Data Quality Summary Assignments page	Re-opened
11014575	Reverb	Remove the Order ID: lookup from the Order Status Page.	Re-opened
11014673	Reverb	Reverb 10.79. Reverb is incorrectly rendering Archive Center for ISO products	Open

11014686	Reverb	Save results to csv when searching by Granule ID gives 2000 granules, not the ones searched for.	Open
11014687	Reverb	Save results to kml when searching by Granule ID gives 2000 granules, not the ones searched for.	Open
11014688	Documentation	Update catalog-rest granule search documentation to include ".kml" as a format.	Open
11014696	Catalog REST	Enhance the support for ECHO10 granule ingest for DIF collections	Open
11014717	ECHO	UMM-C: Add Product Flag Element to ECHO10 schema	New
11014722	Reverb	signing out of reverb should also sign out of URS	New
11014724	ECHO	Catalog-Rest returns REST_CONFLICT error on ingesting SMAP ISO data	New

ECHO Discussion Topics/Reminders

Reminder: ECHO Development Priorities

- Focusing on CMR features and enhancements while maintaining ECHO, Reverb development continues as previous, relying on DAAC priority lists

Notice: Product Flag element being added to ECHO10 Schema (NCR 11014717)

This new field will not be required by the schema at this time, but is being added in preparation for the CMR and is a required element in the UMM-C. This field is used by EMS to indicate the type of product, This field has several possible values and is controlled by the following enumerated type:

```

<xs:element minOccurs="0" name="ProductFlag">
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:enumeration
value="DATA_PRODUCT_FILE" />
      <xs:enumeration
value="INSTRUMENT Ancillary_FILE" />
      <xs:enumeration
value="SYSTEM/SPACECRAFT_FILE" />
      <xs:enumeration value="EXTERNAL_DATA" />
    </xs:restriction>
  </xs:simpleType>
</xs:element>

```

Some more information, provided by EMS, from the [UMM-C Document](#) (still in review and revision):

The purpose of the ProductFlag is to identify the primary responsibility of data providers for the data products archive/generation and distribution, meaning which products they produce/distribute and which products they receive from other data providers required as inputs for the data processing. For example, when GMAO products are produced and distributed by GMAO then all the products are considered to be primary standard products. If GMAO sends one of the GMAO products to LaRC as input data for processing of a CERES product then the GMAO product at LaRC will be considered as External Ancillary data product. Therefore the External Ancillary is the data that is external to the data provider and is required for the processing of the data products.

Notice: UUID Attributes to be added to several ECHO10 elements

In the next sprint, we will be adding **optional** uuid attributes to several ECHO10 schema elements. These will be added in preparation for the CMR. Here is the preliminary list of fields to be affected:

- ScienceKeyword
- Platform
- Instrument
- Campaign
- OnlineResource/Type
- MetadataStandardName
- ProcessingLevelId
- ArchiveCenter
- ProcessingCenter
- Contact/OrganizationName
- SpatialKeyword

This will bring ECHO10 metadata more in-line with the current method of using controlled vocabulary in the DIF. For example, here is a ScienceKeyword from a DIF record:


```
<Parameters
uuid="acb52274-6c0d-4241-a979-3fa3efca6702">
  <Category>EARTH SCIENCE</Category>
  <Topic>ATMOSPHERE</Topic>
  <Term>CLOUDS</Term>
  <Variable_Level_1>CLOUD
PROPERTIES</Variable_Level_1>
  <Variable_Level_2>CLOUD
FREQUENCY</Variable_Level_2>
  <Detailed_Variable>EFFECTIVE CLOUD
FRACTION</Detailed_Variable>
</Parameters>
```

Where the uuid 'acb52274-6c0d-4241-a979-3fa3efca6702' is from the GCMD KMS system corresponding to "CLOUD FREQUENCY":

<http://gcmdservices.gsfc.nasa.gov/kms/concept/acb52274-6c0d-4241-a979-3fa3efca6702>

These changes should not impact you at this time! They are merely part of the CMR preparation efforts.

ECHO Upcoming Events

Planned Maintenance

- 08/06 10.81 to Partner Test
- 08/20 10.81 to Operations

6. Open Floor

Release Calendar

Team Calendars
